ABSTRACT

The invention provides a tuning-fork type transducer for an angular-speed sensor which realizes a stable fork-driving, realizes downsizing of the angular-speed sensor, and is capable of executing control of a vehicle body with high degree of accuracy when being used under a high-temperature environment, an angular-speed sensor using this transducer, and an automotive vehicle using this angular-speed sensor. Electric charges obtained from upper electrodes (13a), (14a) provided on an arm (10b) are amplified respectively by current amplifiers (40a), (40b). The amplified signal is differentially amplified by a first differential amplifier (41), and the amplified signal is used as a monitor signal for fork-driving. An added signal obtained by adding output signals from the current amplifiers (40a), (40b) by an adder (60) is used as a signal for detecting the angular speed.